

## SPECIALTY SPLITTERS

MODELS GHS-2P : GHS-3P : GHS-4P



MODEL GHS-2P



MODEL GHS-3P



MODEL GHS-4P

### FEATURES

- **1 GHz Operation**
- **Low Intermodulation Distortion**
- **High Voltage / Current Capability**

#### SPECIALTY DC/AC POWER PASSING TO ONE-PORT SPLITTERS

The GHS-\*P Series power passing to one-port splitters have been specifically designed to meet the highest electrical specifications. Careful isolation of the RF and DC path is required to prevent saturation / distortion of the ferrite core. This is been accomplished by using a separate DC bypass core, which can withstand higher impulse spikes before saturating than normal splitter cases.

## HSU SERIES SPLITTERS

MODELS HSU-2 : HSU-3 : HSU-4 : HSU-8



MODEL HSU-2



MODEL HSU-3



MODEL HSU-4



MODEL HSU-8

### FEATURES

- **Wide Frequency Range**
- **Heavy Duty Zinc Diecast Case**
- **Anti-Corrosive Chromate Finish**
- **Precision Machined Threads**
- **DC Power Passing to All Ports**

#### ECONOMY POWER PASSING CATV SPLITTERS

The HSU splitter series are our low cost, using the same quality control standards and materials used in our premium performance lines. The HSU line is used with home or MDU systems in the 5 - 1000 MHz range and passes power between all ports.

# POWER PASSING SPLITTERS

## SPECIFICATIONS

PARAMETER	FREQUENCY RANGE (MHz)	GHS-2P		GHS-3P		GHS-4P		HSU-2	HSU-3	HSU-4	HSU-8
		TYP.	QC.	TYP.	QC.	TYP.	QC.				
Insertion Loss (dB) (Max)	5 - 47	3.7	3.8	3.8 / 7.0	3.9 / 7.1	7.1	7.2	4.0	4.0 / 7.5	7.2	10
	48 - 450	3.7	3.8	3.8 / 7.0	3.9 / 7.1	6.9	7.0	3.6	3.7 / 7.3	7.2	11
	451 - 750	3.9	4.0	3.8 / 7.1	3.9 / 7.1	7.1	7.2	3.7	3.8 / 7.8	7.9	12.2
	751 - 1000	4.0	4.1	4.0 / 7.6	4.1 / 7.7	7.6	7.7	4.2	4.0 / 8.2	8.5	13
Isolation (dB)	5 - 47	21	20	22	20	22	20	15	25	16	20
	48 - 450	23	22	26	24	26	24	23	23	20	22
	451 - 750	23	22	25	22	25	23	25	21	17	22
	751 - 1000	21	20	22	20	22	20	23	20	18	20
Input Return Loss (dB)(Min)	5 - 47	22	20	22	20	20	21	15	12	12	18
	48 - 450	24	22	25	23	26	23	21	22	16	20
	451 - 750	24	22	24	22	24	22	21	25	21	20
	751 - 1000	21	20	22	20	22	20	20	20	15	18
Output Return Loss (dB)(Min)	5 - 47	22	21	23	21	23	21	-	-	-	-
	48 - 450	28	25	28	25	28	26	-	-	-	-
	451 - 750	25	23	25	23	25	23	-	-	-	-
	751 - 1000	21	20	23	21	23	21	-	-	-	-

POWER PASSING SPECIFICATIONS	GHS-*P	HSU-*
Voltage (Max)	30V	30V
Current Rating (Max.)	750mA	750mA

NOTE: All specifications typical unless otherwise noted

## POWER INSERTERS



**MODEL HCDA-PI**  
F TYPE PI, 1 GHz



**MODEL HRF PI**  
F TYPE PI, 2300 MHz,  
SINGLE LEG DC



**MODEL HRF PIB**  
F TYPE PI, 2300 MHz,  
BOTH LEGS DC

## SPECIAL CASE 2-WAY SPLITTERS



**MODEL GHS-2TL**  
SIDE PORT INPUT,  
MINI CASE



**MODEL MS-2D**  
WALL PLATE MOUNT



**MODEL GDS-2V**  
T-TYPE